

**System and Method for On-Demand Computing for
Parallel SCSI**

ABSTRACT

A system and method for managing parallel SCSI device
5 functionality is presented. A user sends a request to a
vendor whereby the request corresponds to the user changing
the functionality of one of the user's SCSI devices. The
vendor generates and sends a key that includes a password
and a functionality value to the user. The user extracts
10 the password, extracts the functionality value, and
includes them in a command descriptor block. The user
includes the command descriptor block in a SCSI command,
and sends the SCSI command to the user's SCSI device
whereupon the SCSI device validates the password and
15 reconfigures itself based upon the functionality value.
The SCSI device returns a message to the user indicating
whether the reconfiguring process was successful. In turn,
the user forwards the message to the vendor so the vendor
may bill the user accordingly.